

Mean Amplitudes of Vibration of the Novel SbF_7^{2-} , BiF_7^{2-} and Dianions

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Mean amplitudes of vibration of the recently reported pentagonal bipyramidal SbF_7^{2-} and BiF_7^{2-} dianions were calculated from vibrational spectroscopic data, in the temperature range between 0 and 1000 K. The results are briefly discussed and some comparisons with related species are made.

Key words: Mean Amplitudes of Vibration; SbF_7^{2-} ; BiF_7^{2-} ;
Temperature Dependence; Bond Characteristics.